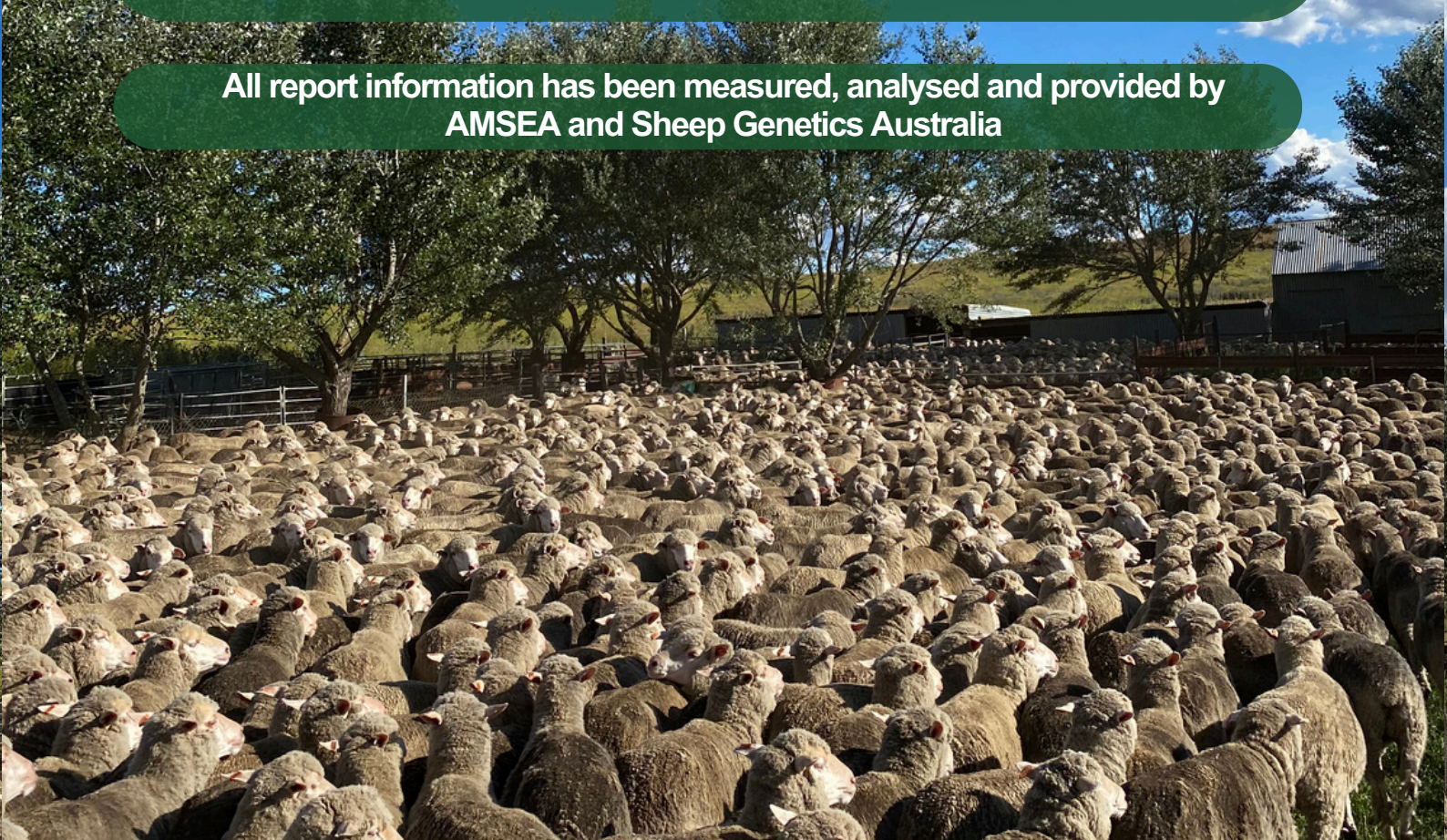# Proven - Production - Profit

GREENDALE merinos

AMSEA New England Sire Evaluation Report - 2022/2023 drops

All report information has been measured, analysed and provided by AMSEA and Sheep Genetics Australia

2022 Drop Report Featuring GDale 200734
pg 4-6

2023 Drop Report Featuring GDale 210210
pg 7-8

Current Greendale Sire Evaluation entries
pg 9

2024 Drop Cohort New Leaders of the Industry
pg 10

AMSEA NE Foreword

Australian Merino Sire Evaluation Association (AMSEA) trials provide the opportunity for objective comparisons to be made between rams from different breeders by evaluating their progeny for sheep type, structure, wool production and carcase traits. The progeny all run together in the same environmental conditions with all male progeny castrated.

The New England site has a long and proud history of conducting sire evaluations, commencing in 1990. The New England is a unique summer dominant high rainfall environment that really challenges wool quality, sheep conformation and parasite resistance, providing excellent data for sire entrants. This is an accredited sire evaluation program run under the rigorous design, recording and data evaluation protocols of AMSEA.

Thank you to all the NEMSEA site committee, the AMSEA, AWN, AWTA, Datamars Livestock Australia, Elanco, Elders, Genstock (Dubbo), GrazAg, GYST Parasitology, New England Fibre Testing, Nutrien, Outcross Systems and Virbac. It is especially important to acknowledge the Swales family, and their team at Woodlands, who generously offered to be the host site for the 2022 & 2023 drops for the New England Merino Sire Evaluation Trials, as well as volunteering their own time in planning and labour throughout.

Todd Whillock Chairman – New England Merino Sire Evaluation Association.

Personal Thanks

Greendale would like to personally thank the Swales Family, Woodlands for their enthusiasm and dedication in hosting and managing the 2022 and 2023 evaluation drops.
Along with the NEMSEA committee and all others involved for their ongoing dedication and support in running the evaluations.

AMSEA Information Breakdown

GREENDALE merinos

Explaining the Different Types of Results Reported

Raw Data » **Adjusted Sire Means** » **Flock Breeding Values**

Merino Sire Evaluation produces a variety of result types which are all connected. The types of data produced include **Raw Data**, **Adjusted Sire Means**, **Flock Breeding Values** and **Indexes**. Initial measurements taken during sire evaluation assessments are used as the first level of results (Raw Data), then adjustments are made to increase the selection accuracy and better enable the comparison of results and sires (Adjusted Sire Means and Flock Breeding Values and Indexes).

Generally, AMSEA publishes **Adjusted Sire Means**, **Flock Breeding Values** and **Indexes** in Site Reports as they offer a higher level of accuracy. Visual Traits were historically reported as **Raw Data**, however Adjusted Sire Means are now available for these traits and visual traits will now be presented in this format.

Raw Data
Raw data; unadjusted results as measured in the yard, paddock or wool testing facility.

Adjusted Sire Means
These are raw data results that have been adjusted for the effect of sex, birth type/rear type, age of dam, dam source, age at measurement, the number of progeny a sire has and management group(s).

Flock Breeding Values (FBVs)
These results have been adjusted in the same way as Adjusted Sire Means, then further calculations have also been made to account for the level of heritability of a trait (some are more heritable than others) and correlations between traits.

FBVs are within site and within drop. As such they do not include data from other sources as is the case with Australian Sheep Breeding Values (ASBVs), which are reported in Merino Superior Sires.

Indexes
A breeding index is the combination of breeding values into a single value that reflects a certain emphasis on those traits.

For more information about each Index see the page in this report titled 'Index Options'.

Age at assessment:	M	Marking - 14 to 39 days (2 to 6 weeks)	Y	Yearling - 300 to 449 days (10 to 15 months)
	W	Weaning - 40 to 149 days (6 weeks to 5 months)	H	Hogget - 450 to 659 days (15 to 22 months)
	P	Post Weaning - 150 to 299 days (5 to 10 months)	A	Adult - 660 days or older (22 months or older)

Note: When viewing data the highest performing sires for that trait/ measurement is highlighted in **blue.**

Averages are at bottom of the column.

All evaluations reports can be found on the AMSEA Website

RAW DATA

↓

ADJUSTED SIRE MEANS

↓

FLOCK BREEDING VALUES & INDEXES

Selection accuracy increases
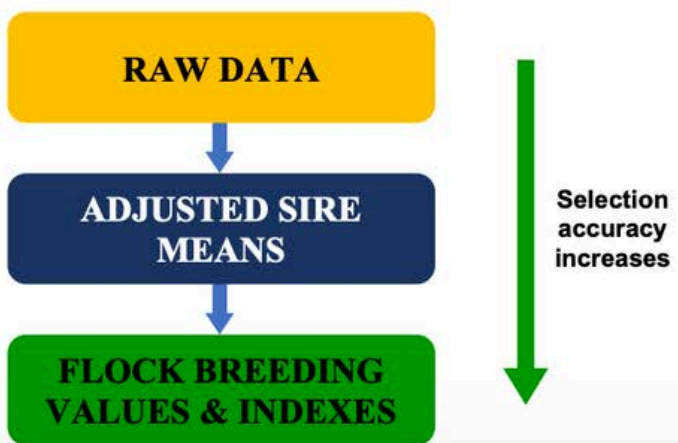
NE Sire Evaluation - 2022 Drop Data

2022 Drop - Adjusted Sire Means

*See page 1 for Adjusted Sire Mean definition

Weight and Wool

Sire Code	Breeders flock, Sire number	Number of Progeny *Adult*	Adjusted Sire Means					
			WT kg A	GFW kg A	CFW kg A	FD µm A	FDCV % A	CURV deg/mm A
1	Clovernook Poll, 200113	18	46.2	4.6	3.5	15.8	15.7	63.9
2	Cressbrook, 180072	7	38.2	4.6	3.5	15.2	15.0	62.0
3	Glen Holme, 206139 (Dohne)	13	50.1	4.4	3.5	16.1	16.5	65.8
4	Greendale, 200734	11	41.1	4.8	3.8	14.6	16.1	57.8
5	Karalta Poll, 190699	12	40.7	3.6	2.7	14.2	16.2	77.4
6	Kurra-Wirra, 200427	21	49.0	4.6	3.6	16.0	16.3	68.2
7	Laraben Poll, 200831	12	41.2	4.4	3.5	15.1	15.9	65.9
8	Lorelmo Poll, 170602	16	49.1	4.5	3.4	15.5	15.6	58.7
9	Miramoona, 140012 (Link Sire)	10	42.2	4.6	3.6	15.8	16.7	57.7
10	Mulloorie Poll, 160059 (Link Sire)	15	43.7	4.8	3.7	15.8	14.8	58.7
11	Nerstane, 200055	15	39.8	4.6	3.5	15.7	16.3	60.3
12	The Ridge Poll, 200048	12	46.5	4.3	3.3	15.7	14.9	69.6
13	Turkey Lane, 200042	15	45.3	4.5	3.4	14.6	14.5	61.4
14	Yalgoo, 170537	11	43.4	4.6	3.6	15.7	15.9	59.7
	Progeny group average	13	**44.6** kg	**4.5** kg	**3.5** kg	**15.5** µm	**15.8** %	**63.5** deg/mm

Equal Heaviest AGFW of trial group at **4.8kg** *(Av. 4.5kg)*

Heaviest ACFW of trial group at **3.8kg** *(Av. 3.5kg)*

2nd Finest AFD of trial group at **14.6um** *(Av. 15.5 um)*

2022 Drop - AMSEA Indexes

*See page 1 for AMSEA Index Explanation

The indexes reported are the FW, WP, SM and ML indexes. These indexes are the same as the MERINOSELECT indexes of that name but account for the fact that not all traits are currently collected as part of standard sire evaluation trials. Further information about Indexes is available earlier in this report and at www.merinosuperiorsires.com.au/resources. The average value for all indexes is 100.

Sire Code	Breeders flock, Sire number	Number of Progeny *Weaning*	AMSEA Index Values			
			Fine Wool	Wool Production	Sustainable Merino	Merino Lamb
1	Clovernook Poll, 200113	38	129	135	126	122
2	Cressbrook, 180072	21	133	134	115	110
3	Glen Holme, 206139 (Dohne)	23	104	115	124	121
4	Greendale, 200734	25	154	153	120	112
5	Karalta Poll, 190699	32	75	64	79	90
6	Kurra-Wirra, 200427	36	121	137	129	121
7	Laraben Poll, 200831	30	124	124	108	107
8	Lorelmo Poll, 170602	38	118	125	118	112
9	Miramoona, 140012 (Link Sire)	33	125	134	121	118
10	Mulloorie Poll, 160059 (Link Sire)	36	141	153	129	118
11	Nerstane, 200055	37	126	134	116	109
12	The Ridge Poll, 200048	32	108	113	112	109
13	Turkey Lane, 200042	37	149	146	132	122
14	Yalgoo, 170537	32	140	147	128	118

GREENDALE merinos

NE Sire Evaluation - 2022 Drop Data

Greendale Results Summary: GDALE 200734

Greendale 200734 is
the **Highest Indexing Sire**
for **BOTH** the
Fine Wool **(+154 FW)**
& Wool Production **(+153 WP)** indexes

Equal Heaviest AGFW	**Heaviest ACFW**	*2nd Finest AFD*
of trial group at **4.8kg** *(Av. 4.5kg)*	of trial group at **3.8kg** *(Av. 3.5kg)*	*of trial group at* **14.6um** *(Av. 15.5 um)*

The results show 200734 measures above the trial average for the most profitable aspects of a wool producing business- being the heaviest cutting **AGFW/ ACFW at the finest **AFD** - grown on a moderately framed, efficient animal**

EFFICIENT   **PRODUCTIVE**   **PROFITABLE**   **PREDICTABLE**

Greendale 200734

GREENDALE merinos

- **SEMEN AVAILABLE**

Tag No: 200734 *	Rear Type: TWIN	Horn: PH
Grand Sire: HAZ-003542		Grand Sire: GDALE- 120022
Sire: GREENDALE-170002		**Dam: GREENDALE- 150254**
Grand Dam: ---		Grand Dam: ---

Australian Sheep Breeding Values (ASBVs)
7/5/25 SGA Analysis

FW	WP	YCFW	ACFW	YFD	AFD
213	**198**	**31.0**	**35.1**	**-3.9**	**-3.5**
75%	74%	88%	83%	96%	89%

TOP 1%	TOP 5%	TOP 10%	TOP 20%

Wool Test Results
Shorn: 12/ 12/ 23 (12 months wool)
Shorn: 6/12/24 (12 months wool)

Year	Micron	GFW (kg)	CFW (kg)	SL (mm)
2023	16	11.3	8.4	130
2024	16.4	12.3	9.2	135

200734 is currently ranked:
#1 'AMSEA All Time Top Sire' for FW
#1 in the 'AMSEA Top 50 Superior Sires' for FW
#6 'AMSEA Top 50 Superior Sires' for WP

Entered in the New England 2022 Sire Evaluation

GREENDALE merinos

NE Sire Evaluation - 2023 Drop Data

2023 Drop - Adjusted Sire Means

See page 1 for Adjusted Sire Mean definition

Sire Code	Breeders flock, Sire number	Number of Progeny	GFW kg P	GFW kg H	CFW kg P	CFW kg H	FD µm P	FD µm H	FDCV % P	FDCV % H	SL mm H	SS N/ktex H	CURV deg/mm P	CURV deg/mm H
1	Centre Plus Poll, 707350 (Link Sire	38	1.7	4.6	1.3	3.5	15.7	16.9	18.6	15.3	93.8	34.0	80.3	63.4
2	Danbury Meat Merinos Poll, 200464	37	1.6	4.2	1.2	3.1	16.0	17.7	18.3	15.7	96.6	29.1	81.0	66.2
3	Edale, 19X454	30	1.5	4.3	1.1	3.1	14.8	15.2	18.6	16.9	76.7	27.7	87.5	68.2
4	GRASS, 212352	33	1.6	4.5	1.2	3.4	16.1	17.4	17.7	15.3	93.5	32.6	84.7	68.8
5	Glenwood, 201113	35	1.8	4.6	1.4	3.5	15.7	16.7	17.9	15.6	97.5	27.2	73.0	56.6
6	Greendale, 210210	27	1.6	4.6	1.3	3.7	15.0	15.8	18.6	16.4	87.3	30.2	81.9	61.7
7	Gringegalgona Poll, 210958	33	1.7	4.3	1.3	3.5	15.2	16.8	20.0	17.2	84.9	20.5	81.7	64.2
8	Hazeldean, 001009	37	1.6	4.8	1.2	3.6	14.8	16.2	19.1	15.5	94.2	23.9	81.3	59.6
9	Karbullah Poll, 210418	33	1.5	4.1	1.2	3.1	15.4	16.9	18.5	16.2	97.0	28.6	76.9	58.0
10	Laraben Poll, 200393	25	1.7	4.4	1.3	3.5	15.0	15.7	19.6	17.0	90.0	20.4	80.1	57.8
11	Muckra, 210043	16	1.8	4.6	1.5	3.6	15.0	15.5	18.4	16.4	88.1	29.1	78.6	59.2
12	Nerstane, 190200	31	1.6	4.5	1.2	3.5	14.8	15.9	18.7	16.6	86.0	22.2	80.1	61.1
13	Ridgway Poll, 170005 (Link Sire)	38	1.8	4.6	1.4	3.6	15.2	16.8	18.2	15.9	91.0	27.1	77.0	56.6
14	Trefusis, 170436	35	1.6	4.6	1.2	3.5	14.9	16.0	18.6	16.0	85.0	30.4	83.4	62.5
15	Yalgoo, 210286	30	1.7	5.0	1.3	3.8	14.8	16.0	20.6	17.3	93.6	31.4	79.8	60.9
	Progeny group average	32	1.6 kg	4.5	1.3 kg	3.5	15.3 µm	16.4	18.7 %	16.1	90.8 mm	27.8 N/ktex	80.4 deg/mm	61.7

These Adjusted Sire Means were calculated using both the ewe and wether progeny of the sires.

Top ranks of group for **HGFW** at **4.6kg** *(Av. 4.5kg)*

Top ranks of group for **HCFW** at **3.7kg** *(Av. 3.5kg)*

PFD at **15.0um,** *(av. 15.3um)*
HFD at **15.8um,** *(av 16.4um)*

2023 Drop - AMSEA Indexes

See page 1 for AMSEA Index Explanation

Sire Code	Breeders flock, Sire number	Number of Progeny	Fine Wool	Wool Production	Sustainable Merino	Merino Lamb
1	Centre Plus Poll, 707350 (Link Sire)	38	105	108	118	115
2	Danbury Meat Merinos Poll, 200464	37	51	60	93	91
3	Edale, 19X454	30	87	76	74	79
4	GRASS, 212352	33	81	87	105	106
5	Glenwood, 201113	35	109	111	118	117
6	Greendale, 210210	27	111	108	90	95
7	Gringegalgona Poll, 210958	33	71	76	86	91
8	Hazeldean, 001009	37	111	112	98	97
9	Karbullah Poll, 210418	33	72	73	102	103
10	Laraben Poll, 200393	25	102	99	89	90
11	Muckra, 210043	16	128	124	109	106
12	Nerstane, 190200	31	105	102	102	104
13	Ridgway Poll, 170005 (Link Sire)	38	112	115	122	119
14	Trefusis, 170436	35	108	103	96	97
15	Yalgoo, 210286	30	123	122	103	103

These indexes were calculated using both the ewe and wether progeny of the sires.

Greendale 210210

GREENDALE merinos

- **SEMEN AVAILABLE**

Tag No: 210210 *	Rear Type: SINGLE	Horn: PP*

Gr Sire: GDALE- 160053	Gr Sire: ---
Sire: GREENDALE-190435	**Dam: GREENDALE- 171139**
Gr Dam: GDALE - 150271	Gr Dam: ---

Australian Sheep Breeding Values (ASBVs)
7/5/25 SGA Analysis

FW	WP	YCFW	ACFW	YFD	AFD
201	**194**	**31.9**	**28.6**	**-2.6**	**-2.9**
71%	69%	91%	83%	95%	87%

TOP 1%	TOP 5%	TOP 10%	TOP 20%

Wool Test Results
Shorn: 12/ 12/ 23 (12 months wool)
Shorn: 6/12/24 (12 months wool)

Year	Micron	GFW (kg)	CFW (kg)	SL (mm)
2023	15.9	10.3	8.2	118
2024	16.7	12.7	9.9	120

210210 is currently ranked:
#6 in the 'AMSEA Top 50 Superior Sires' for FW
#4 'AMSEA Top 50 Superior Sires' for WP

Entered in the New England 2023 Sire Evaluation

GREENDALE merinos

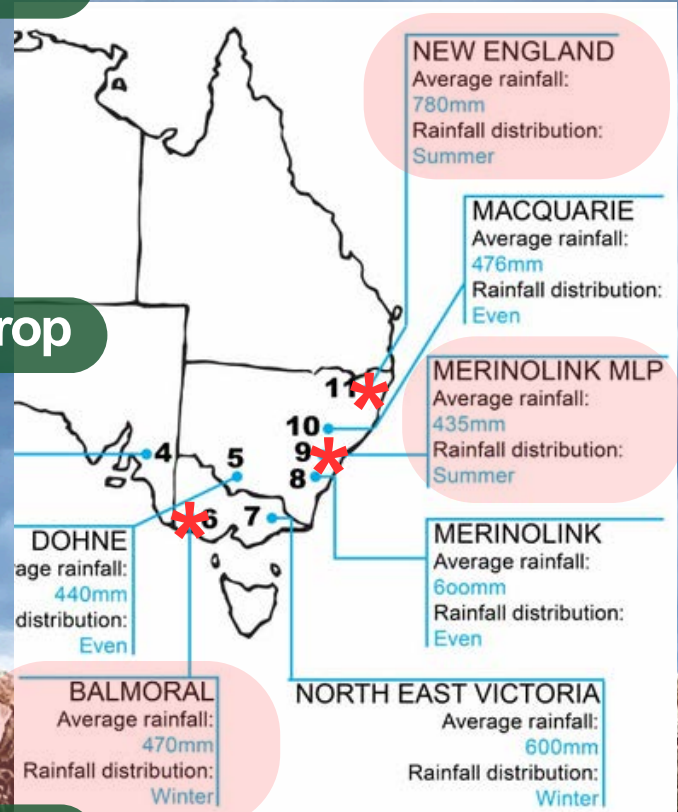# Current Sire Evaluation Entries - 2024/2025

New England, Chiswick- 2025 Drop

GDALE 232663

Merinolink MLP, Bathurst - 2024 Drop

GDALE 220306

*AMSEA ML Field Day
24Dr progeny will be showcased.
Friday 25th July 2025 *

NEW ENGLAND
Average rainfall:
780mm
Rainfall distribution:
Summer

MACQUARIE
Average rainfall:
476mm
Rainfall distribution:
Even

MERINOLINK MLP
Average rainfall:
435mm
Rainfall distribution:
Summer

MERINOLINK
Average rainfall:
600mm
Rainfall distribution:
Even

DOHNE
age rainfall:
440mm
distribution:
Even

BALMORAL
Average rainfall:
470mm
Rainfall distribution:
Winter

NORTH EAST VICTORIA
Average rainfall:
600mm
Rainfall distribution:
Winter

Balmoral, Victoria- 2025 Drop

GDALE 220025   **GDALE 233641**

2025 Greendale Sires ASBV Summary Table:
7/5/2025 SGA Analysis

Greendale Sire	Sires Sire	FW	WP	YCFW	ACFW	YFD	AFD	Poll
232663	YG 210430	212	198	25.1	24.5	-4.0	-4.2	PH
220306	190435	211	196	35.9	32.4	-2.9	-2.8	PH
220025	200734	197	174	21.8	23.2	-5.0	-4.4	PH
233641	210215	226	220	50.6	42.5	-2.5	-2.4	PH
Measured Industry Average		162	160	18.5	14.2	-1.0	-1.1	

TOP 1%	TOP 5%	TOP 10%	TOP 20%

Greendale 2024 Drop Cohort

	FW	WP	YCFW	ACFW	YFD	AFD	Poll
GDALE 24Drop Whole Cohort	**198**	**188**	**29.1**	**27.8**	**-2.9**	**-2.79**	**PH**
Measured Industry Average	162	160	18.5	14.2	-1.0	-1.1	

Australian Sheep Breeding Values (ASBVs) 7/5/25 SGA Analysis

TOP 1%	TOP 5%	TOP 10%	TOP 20%

The 2024 Greendale drop is forecasted to be an exceptional cohort with leading ASBV results, backed by highly evaluated and predictable pedigree.

The average of the **whole 2024 cohort** is currently sitting in the **TOP 5%** and **TOP 10%** for fibre focused traits. The genetic graphs (pg11) showcase the **progressive forefront** of Greendale genetics compared to the industry.

Greendale's commercial operation prioritises running each drop as a **contemporary cohort** for 12 months (ewes) and 10 months (rams) until their first measured shearing where a GFW and mid-side sample is collected from each animal.

There is **no biased treatment,** only a focus of clean, coherent data collection. All lambs are run together to **improve the integrity of the data** whilst ensuring each lamb has an **equal opportunity to express their genetic potential** before using objective and subjective classing measures.

Further flock information can be found on the Greendale Merinos Website
https://www.greendalemerinos.com.au/
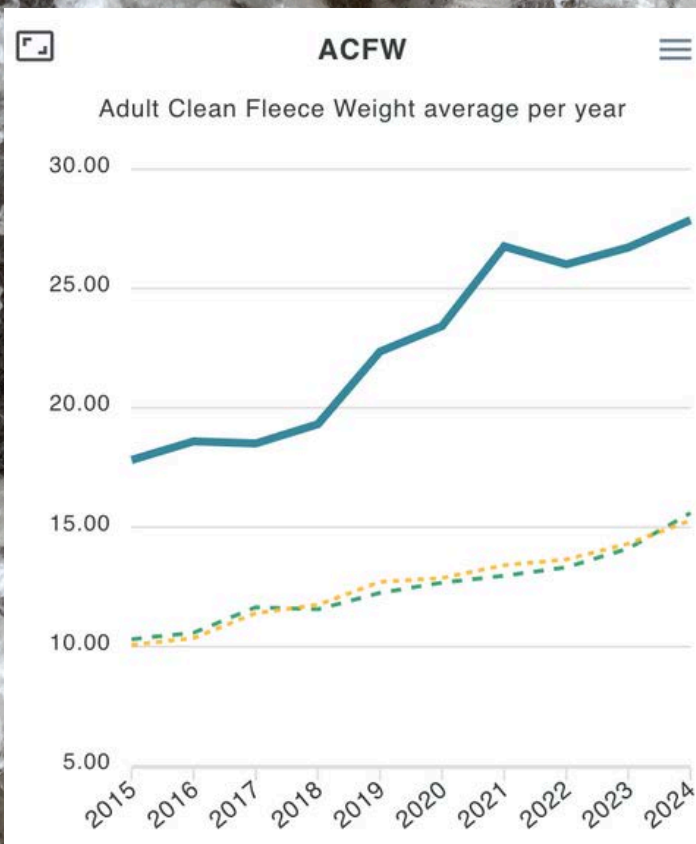
Greendale SG 2024 Drop cohort

Greendale Genetic Trends

FW

Fine Wool average per year
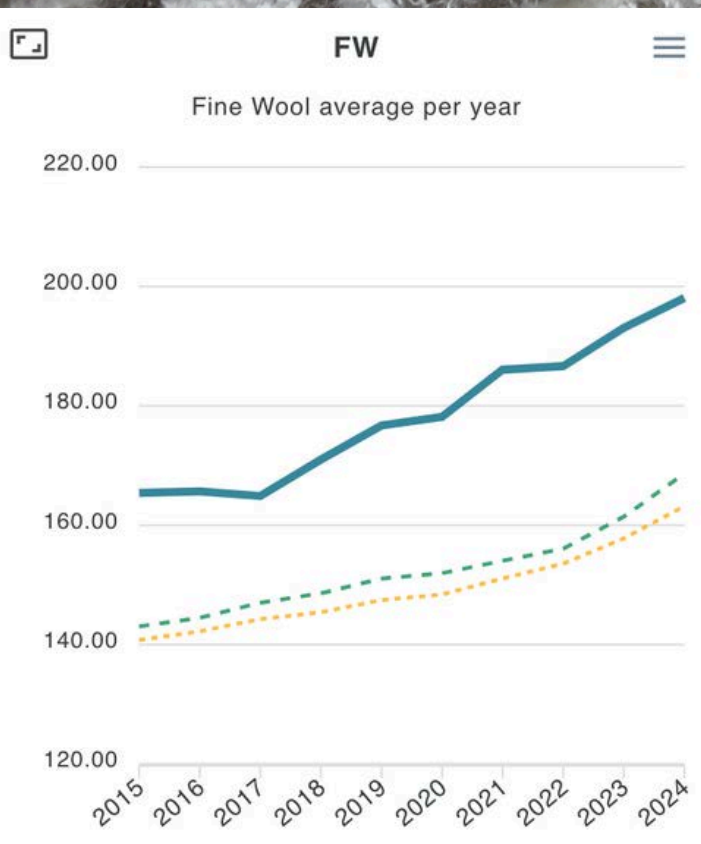
- Greendale (ALL): **198.08**
- Breed (ALL): **168.63**
- Analysis (ALL): **163.19**

ACFW

Adult Clean Fleece Weight average per year

- Greendale (ALL): **27.87**
- Breed (ALL): **15.60**
- Analysis (ALL): **15.29**

AFD

Adult Fibre Diameter average per year
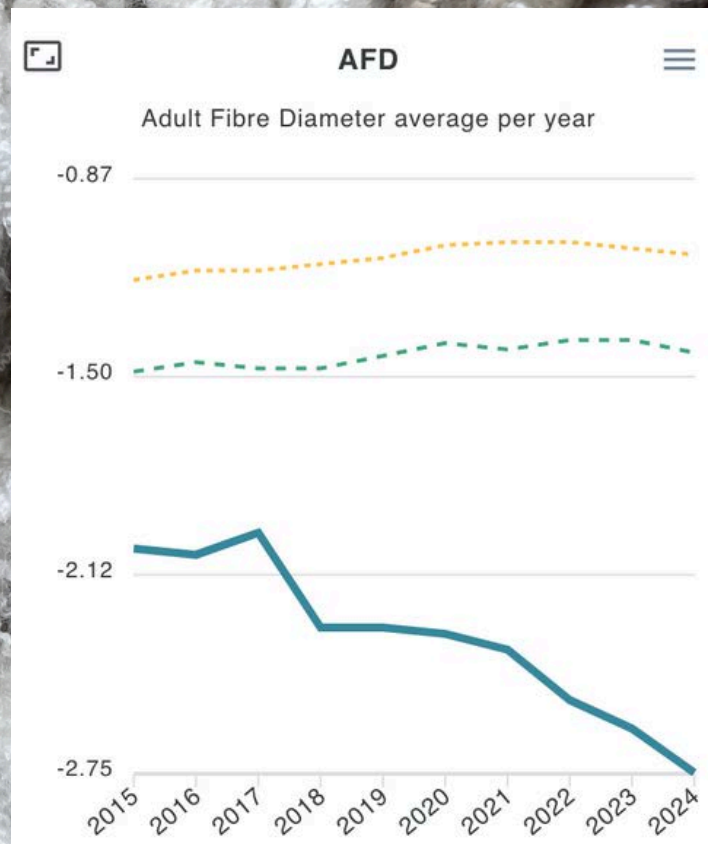
- Greendale (ALL): **-2.75**
- Breed (ALL): **-1.42**
- Analysis (ALL): **-1.11**

GREENDALE
merinos

Your opportunity
to invest in the
industry's
leading merino
genetics.

Sheep Genetics Australia -
Greendale 2025 Semen Sires

AMSEA MSS Report #30
TOP SIRES IN AUSTRALIA

More information can be found via the QR codes

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Proven - Production - Profit